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c 30	18	0 6	460	3	US-09-352-616A-309	Sequence 309, App
c 31	18	0 6	460	4	US-09-232-149A-309	Sequence 309, App
c 32	18	0 6	460	4	US-09-636-215-309	Sequence 309, App
c 33	18	0 6	460	4	US-09-685-166A-309	Sequence 309, App
c 34	18	0 6	460	4	US-09-688-489-309	Sequence 309, App
c 35	18	0 6	460	4	US-09-679-426-309	Sequence 309, App
c 36	18	0 6	476	4	US-09-621-976-15628	Sequence 15628, A
c 37	18	0 6	540	4	US-09-270-767-8393	Sequence 8393, Ap
c 38	18	0 6	540	4	US-09-270-767-23675	Sequence 23675, A
c 39	18	0 6	957	4	US-09-540-236-56	Sequence 56, Appl
40	18	0 6	994	2	US-08-179-557-16	Sequence 16, Appl
c 41	18	0 6	1038	4	US-09-328-352-2937	Sequence 2937, Ap
42	18	0 6	1345	2	US-08-702-153-3	Sequence 3, Appl
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44	18	0 6	1656	4	US-09-923-246-106	Sequence 106, App
45	18	0 6	1656	4	US-10-295-723-106	Sequence 106, App

ALIGNMENTS

RESULT 1

US-08-467-822-19
; Sequence 19, Application US/08467822
; Patent No. 5843460
; GENERAL INFORMATION:
; APPLICANT: Labigne, Agnes
; APPLICANT: Sauerbaum, Sebastien
; APPLICANT: Ferrero, Richard L.
; APPLICANT: Thiberge, Jean-Michel
; TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
; TITLE OF INVENTION: HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
; TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
; TITLE OF INVENTION: POLYPEPTIDES
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/467,822
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/447,177
; FILING DATE: 19-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/432,697
; FILING DATE: 02-MAY-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 03495.0137-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2619 base pairs
; TYPE: nucleic acid

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Fri Feb 11 13:43:51 2005

us-09-904-994b-1.oli.rni

STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
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LOCATION: 31..36
OTHER INFORMATION: /standard_name= "Shine-Dalgarno
OTHER INFORMATION: sequence."
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NAME/KEY: misc_feature
LOCATION: 756..759
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US-08-467-822-19

Query Match 0.9%; Score 27; DB 2; Length 2619;
Best Local Similarity 100.0%; Pred. No. 0.0016;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1006 ATTTACAAAGCCGACATTGGGATTAAA 1032

RESULT 2
US-08-432-697-19
Sequence 19, Application US/08432697
Patent No. 6248330
GENERAL INFORMATION:
APPLICANT: Labigne, Agnes
APPLICANT: Sauerbaum, Sebastien
APPLICANT: Ferrero, Richard L.
APPLICANT: Thiberge, Jean-Michel
TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
TITLE OF INVENTION: HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
TITLE OF INVENTION: POLYPEPTIDES
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/432,697
FILING DATE: 02-MAY-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03495.0137-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 2619 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 31..36
OTHER INFORMATION: /standard_name= "Shine-Dalgarno

OTHER
FEATURE:
NAME/
LOCATION
OTHER
OTHER
US-08-432-697
Query Match:
Best Local
Matches 2
Qy 1134
Db 1006
RESULT 3
US-08-466-248
Sequence 19
Patent No.
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ATTORNEY/
NAME:
REGISTR
REFEREN
TELECOMMU
TELEPHO
TELEFAX
INFORMATION
SEQUENC
LENGTH:
TYPE:
STRANDE
TOPOLOG
MOLECULE
FEATURE:
NAME/KE
LOCATION

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Db 80 GlnIleGluAlaThrPheProAspGlyThrLysLeuValThrValHisAspProfile 98

RESULT 4
 US-08-467-822-23
 ; Sequence 23, Application US/08467822
 ; Patent No. 5843460
 ; GENERAL INFORMATION:
 ; APPLICANT: Labigne, Agnes
 ; APPLICANT: Sauerbaum, Sebastien
 ; APPLICANT: Ferrero, Richard L.
 ; APPLICANT: Thibierge, Jean-Michel
 ; TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
 ; TITLE OF INVENTION: HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
 ; TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
 ; TITLE OF INVENTION: POLYPEPTIDES
 ; NUMBER OF SEQUENCES: 44
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
 ; ADDRESSEE: Dunner
 ; STREET: 1300 I Street, N.W.
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: USA
 ; ZIP: 20005-3315
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/467,822
 ; FILING DATE: 06-JUN-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/447,177
 ; FILING DATE: 19-MAY-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/432,697
 ; FILING DATE: 02-MAY-1995
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Meyers, Kenneth J.
 ; REGISTRATION NUMBER: 25,146
 ; REFERENCE/DOCKET NUMBER: 03495.0137-02000
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (202) 408-4000
 ; TELEFAX: (202) 408-4400
 ; INFORMATION FOR SEQ ID NO: 23:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 100 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 US-08-467-822-23

Alignment Scores:
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 Score: 261.50 Length: 100
 Percent Similarity: 73.00% Matches: 56
 Best Local Similarity: 56.00% Conservative: 17
 Query Match: 5.08% Mismatches: 26
 DB: 2 Indels: 1
 Gaps: 1

US-09-904-994B-1 (1-2883) x US-08-467-822-23 (1-100)

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 Qy 266 AGAAAGC3CAAAGCAGAGGGCTTAAAGCTAACCAACCCGAAGCCATTGCTTACATTAGT 325